
 <b>MSSRF</b> Science for Sustainable Development	<b>AgroMet Advisory Bulletin (AAB)</b> Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: <a href="mailto:amfu.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Dindigul</b>	Forecast Period :	<b>19/04/2024</b> to <b>23/04/2024</b>	
	Bulletin No:	<b>MSSRF/ DGL /032/ 2024</b>	Release Date :	<b>18/04/2024</b>	

Significant past weather	From	16/04/2024	to	17/04/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	1.3			
Maximum Temperature (°C)	37			
Minimum Temperature (°C)	27			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	41-80			
Wind Speed (kmph)	7-10			

**Ensemble Weather Forecast**  
until **08:30Hrs of 23-04-2024**

Parameters	19-04-	20-04-	21-04-	22-04-	23-04-
	2024	2024	2024	2024	2024
	Friday	Saturday	Sunday	Monday	Tuesday
Rainfall (mm)	2	2	0	0	0
Maximum Temperature (°C)	39	38	39	38	39
Minimum Temperature (°C)	27	26	26	27	27
Sky Condition (Octa)	5	4	2	3	3
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	20	30	20	20	20
Wind Speed (Kmph)	8	6	8	8	10
Wind Direction	SW	NW	SE	SE	E

<b>SMS Advisory</b>	Chances of very light rain on 19 & 20 Apr. Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Southwest, Northwest, Southeast & East directions.
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**General Advisory:**

Owing to high maximum temperature and moderate wind, more moisture loss is expected and hence, more irrigation should be given to the standing crops.

**Livestock:**

To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. During the daytime, cover the sides of cow shed with wet gunny bags. Animals can be fed with drinking water @ 80 – 100 litres per day per animal in four splits.

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next five days (19.04.2024 to 23.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

#### **Weather Based Agro-Advisories: (Snake gourd, Coconut & Animal Husbandry).**

##### **Snake gourd:**

Due to current weather, the incense of semi looper is expected in Snake gourd. The symptom of damage appears on leaves, the caterpillar cuts the edges of the leaf lamina, folds it over the leaf and feeds from within the leaf roll. To control spray Neem oil @ 100 ml per 10 litres of water.

##### **Coconut:**

Since there was no rainfall for a long period and temperature starts rising, the incidence of black headed caterpillar population may increasing in coconut.

During the initial stage of pest occurrence, to control the above pest farmers are advised to release the braconid parasitoids @ 2100 /ac.

##### **Animal Husbandry:**

Prevailing weather is favourable for skin infection and disease transmission in livestock. So, contact the nearby veterinarian and take his advice. Animals should not be allowed to walk long distances while grazing. A high amount of green fodder and concentrated feed should be provided to livestock. Increase the feeding frequency of the livestock.